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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/073,019 05/04/98 KIKINIS

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EXAMINER

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ART UNIT PAPER NUMBER

2756

DATE MAILED:

01/05/00

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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.	Applicant(s)
09/073,019	DI KINIS
Examiner Khánh Dinh	Group Art Unit 2758

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE THREE MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

Responsive to communication(s) filed on 10/12/99

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

Claim(s) 1-37 is/are pending in the application.

Of the above claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) 1-37 is/are rejected.

Claim(s) _____ is/are objected to.

Claim(s) _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The proposed drawing correction, filed on _____ is approved disapproved.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) _____

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Attachment(s)

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____ Interview Summary, PTO-413

Notice of Reference(s) Cited, PTO-892 Notice of Informal Patent Application, PTO-152

Notice of Draftsperson's Patent Drawing Review, PTO-948 Other _____

Office Action Summary

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DETAILED ACTION

1. This is in response to the amendment filed on 10/15/99. Claims 1-20 and new claims 21-37 are presented for examination.

Claim Rejections - 35 USC § 103

2. Claims 1-9, 11, 13, 15 and 18-20 are ejected under 35 U.S.C. 103(a) as being unpatentable over Meske et al U.S. pat. No.5,530,852 and in view of Tanenbaum (Structure Computer Organization, second edition).

As to claim 1, Meske discloses the steps of:

(a) creating a listing of parameters (i.e., user profiles) derived from one or more of software characteristics of the client device, characteristics of a WEB page, and preferences of a customer using the clients' device (see abstract, fig.1, col.2 lines 22-55, col.3 line 55-col.4 line 3).

(b) storing the parameters as a template (HTML file, 420 of fig.4) at the Web server, accessing a WEB page requested by the customer (user), translating (i.e., converting) the WEB data according to the template and transmitting the translated data to the client device (see col.5 line 58-col.6 line 36).

Meske does not specifically disclose the hardware characteristics of the client device. However, Tanenbaum explicitly discloses that hardware and software are logically equivalent in the computer technology. It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize hardware into the Tanenbaum's software operation because any

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operation performed by software can also be built directly into the hardware and any instruction executed by the hardware can also be simulated in software (see Tanenbaum's page 11, line 12 to page 12 line 2).

As to claim 2, Meske further teaches the parameters include details of a display used by the client device (see fig.8 and col.10 lines 41-64).

Claims 3-5 are rejected as the same reasons set forth in claims 1 and 2.

Claim 6 is rejected as the same reasons set forth in claim 1 and 2. As to the added limitation, Meske further teaches using tools for altering the characteristics (see col.9 lines 24-48 and col.10 lines 18-40).

As to claim 7, Meske further discloses the editor executing on the client device (see col.3 line 55-col.4 line 12).

As to claim 8, Meske further discloses the editor (user) executes on a WEB server as a part of a WEB page, and is adapted for manipulation by a client accessing the WEB page (see fig.8, col.4 lines 13-51 and col.10 lines 41-64).

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Claim 9 is rejected as the same reasons set forth in claim 1.

Claim 11 is rejected as the same reasons set forth in claim 9. As to the added limitation, Meske further teaches the step of accessing the WEB server by the client device and initiating execution of the Mark-Script (i.e., HTML files to SGML file).

Claim 13 is rejected for the same reasons set forth in claims 1 and 11.

As to claim 15, Meske further discloses a step for reducing content of pre-fetched WEB pages before transmission to the client device, by consulting parameters based on characteristics of the client device (see col.9 lines 24-48).

As to claim 18, Meske discloses a system for Internet browsing, comprising:

a host computer connected to one or more peripheral devices and to the Internet and a WEB server adapted for browsing the Internet for the host (see 150 of fig.2 and fig.5 and col.6 lines 15-51).

the WEB server fetches WEB pages for the host computer and reduces data content before transmission to the host based on characteristics of one of the peripheral devices connected to the host (see col.6 line 38-col.7 line 18 and col.9 lines 24-48).

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As to claim 19, Meske further teaches the WEB server following a script furnished by the host computer for pre-fetching WEB pages and storing them at the WEB server for transmission to the host computer on demand (see col.1 lines 35-57, col.6 line 38-col.7 line 18 and col.9 lines 24-48).

Claim 20 is rejected as the same reasons set forth in claims 1 and 19. As to the added limitation, Meske further teaches the step of:

a source-side template adapted for converting data requested by the WEB server to an Hyper Text Markup Protocol (HTML) before transmission to the WEB server (see col.5 line 58-col.6 line 37).

3. Claims 10, 12, 14, 16 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meske and Tanenbaum as applied to claim 1 above, and further in view of Judson U.S. pat. No.5,572,643.

As to claim 10, Meske and Tanenbaum's teachings still applied as in claims 1 and 9 above. Neither Meske nor Tanenbaum teaches refreshing the current Web page. However, refreshing Web page all pre-fetched and stored WEB pages according to the list of WEB pages is generally well known in the art as disclosed by Judson (see abstract, col.2 lines 29-53 and col.5 line 50-col.6 line 12).

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It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize Judson's teachings in Meske's network system because it would have enabled the system to update the content Web page into the current state.

Claims 12 and 14 are rejected under the same reasons set forth in claim 10.

As to claim 16, Judson further discloses a step for passing through to a client a request initiated by a pre-fetched page not yet transmitted to the client, either during or after pre-fetch (see abstract and col.3 line 46-col.4 line 24).

As to claim 17, Judson further discloses the request is for one of a security or identification input (see col.2 lines 6-28 and col.6 line 62-col.7 line 17).

4. Claims 21-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mekse US pat. No.5,530,852 and Tanenbaum as in claim 1 above and further in view of Gleeson et al US pat. No.5,627,829.

Claim 21 is rejected for the same reasons set forth in claim 1 with the combination of Meske and Tanenbaum. Neither Meske nor Tanenbaum discloses a first set of files is transposed into a first set of files fewer in number than the first set of files. However, Gleeson discloses a first set of files is transposed into a first set of files fewer in number than the first set of files (i.e.,

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compressing and decompressing data) by reducing the size of data packet (see abstract, figs.12A , 12B and col.5 line 63 to col.6 line 56). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify Meske with Gleeson's teaching because it would have reduced the number and size of data packets transferred over the wireless network.

As to claims 22 and 23, Gleeson discloses that the second set contains characteristics of the client (see col.6 lines 40-65 and col.col.8 lines 1-44), a single file (see fig.12A and col.15 line 45 to col.16 line 23). Gleeson also discloses saving a copy of transposed data for future communications (see col.16 lines 24-61 and col.col.17 lines 16-48).

As to claim 25, Meske further discloses the server transposes HTML files (see col.4 lines 12-51).

Claim 26 is rejected for the same reasons set forth in claim 1.

Claims 27-31 are rejected for the same reasons set forth in claims 21-26 respectively.

Claims 33-37 are rejected for the same reasons set forth in claims 21-24 and 26 respectively.

Response to Remarks

5. Applicant's arguments filed on 10/12/99 with respect to claim 1-20 have been fully considered but they are found not persuasive.

a. Applicant argued that the cited prior art does not disclose transmission of data according to the hardware and software characteristics of the client's device.

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Examiner respectfully disagrees. Tanenbaum explicitly discloses that hardware and software are logically equivalent in the computer technology (see page 11 line 12 to page 12 line 2).

Conclusion

6. Claims 1-37 are ***rejected***.
7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (703) 308-8528. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

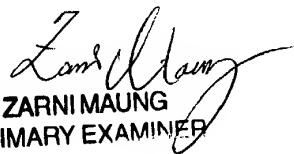
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-3817. The fax phone number for this group is (703) 305-7201.

A shortened statutory period for reply is set to expire THREE months from the mailing date of this communication. Failure to response within the period for response will cause the application to become abandoned (35 U.S.C. Sect.133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(A).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305 -9600.

Khanh Dinh
Patent Examiner
Art Unit 2758
December 30, 1999.


ZARNI MAUNG
PRIMARY EXAMINER